GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Laying of 14" dia underground LPG Pipeline along with 40mm dia HDPE duct for optical Fiber Cable (OFC) across various Rivers, Canals & Water bodies coming under jurisdiction of Chief Engineer (Projects), Ananthapuramu, A.P., as part of Hassan to Cherlapalli LPG Pipeline Project – Permission –Accorded – Orders-Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.MS.No. 33 **Dated: 30-06-2021.**
Read the following:-

1. From the Chief Engineer (Projects), WRD, Ananthapuramu, Lr. No. CE (P)/ ATP/ DCE/DEE5/AEE8/M-0/380M, dated: 17.12.2020.
2. Govt. Memo No. ICDO1-COOROMISC/1/Reforms/2021, dated: 06.01.2021.
3. From the Chief Engineer (Projects), WRD, Ananthapuramu, Lr. No. CE (P)/ ATP/DCE/DEE5/AEE8/M-0/96m, dated: 19.04.2021.

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O R D E R

In the letters 1st and 3rd read above, the Chief Engineer (Projects), Water Resources Department, Ananthapuramu, based on the report of the Superintending Engineer, HNSS, Circle-I, Kurnool, has recommended the proposal to the Government to accord permission to M/s HPCL for laying of 14" diameter underground Liquefied Petroleum Gas Pipeline (LPG) along with 40mm diameter HDPE duct for Optical Fiber Cable (OFC) at canal crossings by the HPCL at km. 77.770 of HNSS main canal in Phase-I, at km. 238.290 on HNSS main canal, Phase-II and km. 56.750 on Kundurpi branch canal of BTP Project.

2. Government after careful examination of the proposal, hereby accord permission to M/s Hindustan Petroleum Corporation Limited (HPCL) for laying of 14" diameter underground Liquefied Petroleum Gas Pipeline (LPG) along with 40mm diameter HDPE duct for Optical Fiber Cable (OFC) at canal crossings by the HPCL at km. 77.770 of HNSS main canal in Phase-I, at km. 238.290 on HNSS main canal, Phase-II and km. 56.750 on Kundurpi branch canal of BTP Project subject to the following terms and conditions :

1. Lease amount has to be deposited as arrived based on the prevailing rates in advance before taking up the work.

2. **(i)** The Firm shall pay the Security Deposit for an amount of Rs. 1,21,05,000/ - (Rupees One Crore Twenty One Lakhs Five Thousand only) in the shape of Demand Draft in favour of PAO, Kurnool for 1No. of HPCL crossing, HNSS canal at KM.77.770 at Kambalapadu (V), Kurnool District. The Firm shall also pay an amount of Rs. 26,875 (Rupees Twenty Six Thousand Eight Hundred and Seventy Five only) in respect of Right of User in Land (RoU) as per the Sub-Section (4) of Section-10 of the Petroleum and Minerals Pipelines (Acquisition of Right of User in Land) Act, 1962 (i.e. Act No. 52 of 1962, GoI) for the above said crossing, as fixed by the Department before commencement of work.

   (ii) The firm shall pay the Security Deposit for an amount of Rs. 58,27,192/- (Rupees Fifty Eight Lakhs Twenty Seven Thousand One Hundred and Ninety Two only) in favour of PAO, Ananthapuramu for 2nd HPCL crossing at Km. 238.290 on HNSS main canal in HNSS, Phase-II and Rs. 7,500/- (Rupees Seven Thousand and Five Hundred only) in respect of Right of User in Land (RoU) as per the Sub-Section (4) of Section-10 of the Petroleum and Minerals Pipelines (Acquisition of Right of User in Land) Act, 1962 (i.e. Act No. 52 of 1962, GoI) for the said crossing, as fixed by the Department before commencement of work.

   (iii) As the canal work at Km. 56.750 on Kundurpi branch canal of BTP project where the HPCL crossing is proposed, is in progress, the HPCL authorities are requested to contact the CE/SE, WRD concerned, before taking up the work and lay the pipeline so that it does not interfere with canal prism/ requirements and shall pay the necessary deposit amounts, as fixed by them.
3. The work at canals/drains/flood banks/river crossings is to be allowed only after obtaining approved drawings from the competent authority.
4. The ancillary/incidental works as may be required by the Water Resources Department/Farmers Organization required for water supply has to be attended by the HPCL during execution.
5. Necessary permission for alignment, design & Drawing @ crossing River/field channels/distributaries has to be obtained from the competent authority of Water Resources Department.
6. The pipeline shall be laid duly maintaining a minimum of 2.0 m to 2.5 m clear cushion from the ground or below designated bed level of the channels/ canals at crossings and in case of river/flood banks a minimum of 10m is to be provided. The Pipeline should be laid by HDD method only. Necessary casing with cement concrete has to be provided at cost of HPCL.
7. The pipe line shall not taken beneath any CM & CD structure of Water Resources Department and it shall be taken at least 25 mts away from any CM & CD structure. The alignment shall not create any

obstructions to modernization of canal system and the HPCL has to propose the alignment accordingly.

8. The top level of the pipe line proposed should be at least 5.00 m below the canal bed level. The pipe line laying should be done preferably for major canal having bed width more than 3 mts by Horizontal Directional Drilling (HDD) method without disturbing the existing embankments. Necessary casing with cement concrete has to be provided at cost of HPCL .
9. The laying of pipe line should be carried out during closure period of canals i.e., during summer season.
10. After execution of laying the pipeline, proper compaction is to be done and the bank is to be restored to designed profile.
11. While execution of the work, utmost care is to be taken for protecting salient features of the Canals/drains and flood banks. In case of any damage caused to any irrigation system, the same should be restored immediately by reconstruction of the same at the cost of the HPCL to the required standards.
12. There is possibility of new cross masonry works in the process of modernization in such case the alignment of pipeline is to be diverted accordingly and when necessary during the course of execution of modernization work at the cost of HPCL.
13. There shall not be any obstruction for the free flow of the water/navigation during the execution of work or after the completion of work.
14. The inspection paths on canal banks/drain banks/flood banks shall not be damaged, if any damage is noticed, the same has to be restored and brought to the original condition immediately at the cost of HPCL.
15. During laying of pipeline, obstruction should not be created for movement of vehicles on the banks.
16. After completion of work, the banks of canals, drains and flood banks should be brought to the original standards, i.e., rolled and made free from undulations.
17. The alignment of pipeline shall not obstruct the execution of modernization work or harvesting process by farmers.
18. If any damage caused to crop or inhabitations in the vicinity, the sole responsibility shall lie with the applicant firm and adequate compensation should be paid by the firm to the farmers or people affected with damage.
19. The firm has to intimate 15 days before commencement of work and the work has to be done under the close supervision of Water Resources Department staff only.
20. The method of crossing for major canals, distributaries, major drains, medium drains and rivers, flood banks is by H.D.D method only. Open cut method shall not be permitted on canals or channels.

21. The specifications shall be followed while execution of work and the work shall be carried out under the supervision of authorized technical person from HPCL.
22. In case of widening of canals, there may be need of shifting the pipe line. Therefore, the executing agency shall modify the alignment according to the requirement of the Department during the course of execution, at their cost.
23. After laying the pipe line, the canal should be restored to its original standards and NOC shall be obtained from the concerned officials of Water Resources Department to get release of the security deposit as arrived in the condition no.2 above.
24. The permission accorded shall be liable to cancel at any time when the HPCL authorities violate the terms and conditions prescribed without any prior notice and HPCL have no right to claim any compensation in this regard.
25. Any deviations to the above conditions put forth shall be deemed to have been automatically cancelled the permission accorded.
26. Valve chambers are to be provided away from the banks wherever necessary.
27. During execution, open excavation of work on field channels, minor drains, necessary diversion arrangements are to be made for free flow of water of the canals/drains.
28. Necessary protection to river margin to avoid erosion may be provided by the HPCL with their own cost.
29. Any damage caused to Government property should be rectified by the HPCL at their own cost.
30. Any recommendations/ remedial measures made for protecting the areas on marginal land that may be found necessary by the Water Resources Department during the course of operations by M/s HPCL shall have to be done with their own cost.
31. M/s HPCL should not make any alterations of the proposals without the consent of Water Resources Department.
32. Seignorage charges if any, for sand/earth etc, should be paid by HPCL to the Mines and Geology Department at the rates fixed by the Government from time to time.
33. The work shall be executed by M/s HPCL at their own cost with the close association / supervision of Water Resources Department authorities/officials.
34. The HPCL should make their own arrangements to safeguard their equipment material and men during floods time. M/s HPCL should take all necessary safety precautionary measures and the firm has to maintain the entire system at their own cost as long as their operations exist.

35. The firm should not construct permanent or temporary structures in the lands of Water Resources Department.
36. The department is no way responsible for any legal complications arising out of by public or other on the above work operations of the firm.
37. The HPCL shall follow the river conservancy rules.
38. While laying the pipelines sufficient protection works are to be carried out all the crossings of canals/ drains/flood banks/river, so as to facilitate carrying the required maintenance and construction works by the department by employing heavy machinery.
39. The HPCL should ensure that gas/optical fiber cable should not get disturbed/damaged due to movement of heavy machinery that carried maintenance operations. Any disturbance/damage caused shall be to the account of pipeline company.
40. If any modifications are required for the pipelines in future due to departmental activities the pipe lined HPCL shall carry out the modifications at their cost to the satisfaction of the Department.
41. The HPCL shall abide all existing labour laws regarding providing amenities and payments etc., to their labour working in the premises/Site of this department and this department is not responsible for any kind of negligence in enforcing any labour law/act or any compensation to be paid if any up to incident occur.
42. The HPCL authority have to submit Bank Guarantee if any other Security Deposit as fixed by the Water Resources Department, at the time of taking up the pipe line work.
43. The agency should make arrangements for marking indicators of pipe line for each crossing on either side of canal.
44. The Industry shall abide any other applicable conditions/norms laid down by the Government /Department from time to time.
45. In addition to the above terms and conditions, the Executive Engineer concerned should collect Centage Charges amount from HPCL as per 'D' Code provision.

3. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada, Chief Engineer & DWRO, Anantapuramu and the Collector & District Magistrate, Anantapuramu District shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SYAMALA RAO JAMJAM
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.

The Chief Engineer (Projects), Anantapuramu.
The Collector & District Magistrate, Anantapuramu District.
The Executive Director (Pipelines), HPCL(A Govt. of India Enterprise),
Regd. Office:17, Jamshedji Tata Road, Mumbai.
Copy to:
The Private Secretary to Hon'ble Minister for Water Resources Department.
The Private Secretary to Spl. C.S. to Govt., Water Resources Department.
The Superintending Engineer, HNSS, Circle-I, Kurnool.
SC/SF

//FORWARDED::BY ORDER//

SECTION OFFICER.